

ATF4 and a CEBP protein bind the ATF5 promoter

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https://reactome.org

Introduction

Reactome is open-source, open access, manually curated and peer-reviewed pathway database. Pathway annotations are authored by expert biologists, in collaboration with Reactome editorial staff and cross-referenced to many bioinformatics databases. A system of evidence tracking ensures that all assertions are backed up by the primary literature. Reactome is used by clinicians, geneticists, genomics researchers, and molecular biologists to interpret the results of high-throughput experimental studies, by bioinformaticians seeking to develop novel algorithms for mining knowledge from genomic studies, and by systems biologists building predictive models of normal and disease variant pathways.

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Literature references

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Reactome database release: 88

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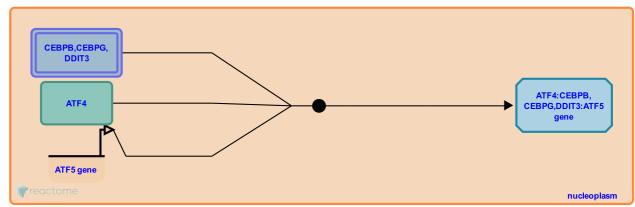
ATF4 and a CEBP protein bind the ATF5 promoter **₹**

Stable identifier: R-HSA-9653742

Type: binding

Compartments: nucleoplasm

Inferred from: Atf4 and a Cebp protein bind the Atf5 gene (Mus musculus)



ATF4 and a member of the CEBP family of transcription factors (CEBPB, CEBPG, or DDIT3, also known as CHOP) bind as a heterodimer to a composite CEBP-ATF element in the promoter of the ATF5 gene (inferred from mouse homologs).

Editions

2019-07-14	Authored, Edited	May, B.
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